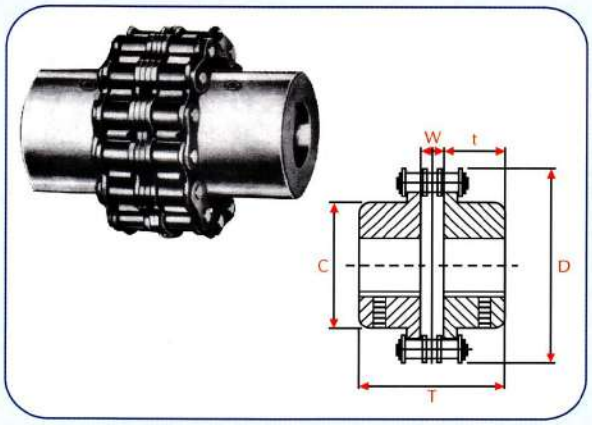
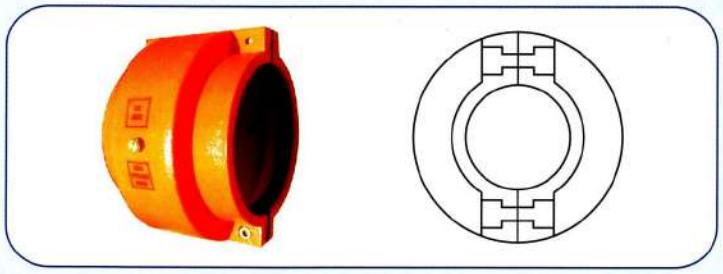
ROLLER CHAIN FLEXIBLE COUPLINGS



COUPLING SIZE	BORE		T	t	W	C	D	Wt. Kg.
	MIN	MAX						
CC 3812	8	16	64	30	4	25	44	0.32
CC 4012	10	22	77.5	36	6.0	35	60	0.80
CC 4016	12	32	77.5	36	6.0	50	77	1.50
CC 5016	16	42	95	44	7.0	61	95	2.60
CC 5018	16	48	97	·45	7.0	71	106	3.50
CC 6018	20	60	119	55.5	8.0	88	126	6.50
CC 6022	20	76	119	55.5	8.0	110	150	10.00
CC 8018	25	80	149	66	14	115	167	14.50
CC 8022	25	95	150	66	14	140	200	20.50
CC 10020	40	110	200	90	17	157	231	35.50
CC 12018	50	119	260	117	22	169	254	55.00
CC 12022	50	150	260	117	22	208	301	75.00
CC 16018	50	160	360	165	28	220	341	122.00

ALUMINIUM COUPLING COVER : Aluminium covers are available for all the sizes.



CHAIN COUPLING SIZE	O.D.	Thk.
CC 3812	69	59
CC 4012	75	68
CC 4016	90	70
CC 5016	110	86
CC 5018	121	86
CC 6018	149	90
CC 6022	173	110

CHAIN COUPLING SIZE	O.D.	Thk.
CC 8018	195	130
CC 8022	220	132
CC 10020	258	178
CC 12018	292	220
CC 12022	340	220
CC 16018	385	240

SELECTION OF THE COUPLINGS : Decide service factor for the unit for which the chain coupling is to be fitted by considering the hours of service, type of the power unit etc. from the following table :

Driven Equipments			Source of Power		
Service Classi-fication	Kinds	Characterised	Electric Motor or Steam Turbine	Steam or Gasoline Engine 4 or More Cyl.	Diesel or Gas Engine
A	Centrifugal fans, blowers of pumps conveyor evenly loaded.	Even load - 8 hours/day service, Non - reversing - low torque starting.	1	1.5	2.0
B	Compressor, Conveyor, pulsating load machines kilns and driers, speeds reducers Multi cylinder pumps, wood working machines etc.	Uneven load - 8 hours/day service Moderate shock or torsional loads, Non- reversing. This is the most common type of service	1.5	2.0	2.5
B	Presses, crushers, Impact loads, Oil well pumping equipment.	Heavy shock load - 8 hours/day service, High peak torsional loads. Reversing under load. Full load starting.	1.5	2.0	2.5

HORSE POWER RATING TABLE

Coupling Size	Max Bore	REVOLUTION PER MINUTE →																							
		1	5	10	25	50	100	200	300	400	500	600	800	1000	1200	1500	1800	2000	2500	3000	3600	4000	4800	5200	6000
CC 3812	16	0.013	0.066	0.146	0.346	0.693	1.053	1.613	2.106	2.520	3.013	3.440	4.253	5.173	5.880	7.133	8.333	8.973	10.82	12.58	14.66	16.00	18.86	19.73	22.26
CC 4012	22	0.026	0.146	0.293	0.773	1.533	2.306	3.506	4.613	5.533	6.613	7.560	9.346	11.37	12.90	15.46	18.26	19.73	23.56	27.60	32.13	35.06	41.06		
CC 4016	32	0.053	0.280	0.546	1.373	2.746	4.120	6.253	8.226	9.880	11.80	13.46	16.66	20.40	23.06	28.00	32.53	35.06	42.53	49.33	57.33	62.53	73.20		
CC 5016	42	0.106	0.520	1.040	2.600	5.213	7.813	11.89	15.60	18.80	22.40	25.60	31.73	38.53	43.86	53.20	61.86	66.66	80.80	93.86	108.80				
CC 5018	48	0.133	0.666	1.320	3.306	6.600	9.906	15.06	19.86	23.73	28.40	32.53	40.13	48.80	55.46	66.733	78.40	84.53	102.40	118.13					
CC 6018	60	0.240	1.240	2.493	6.226	12.44	18.66	28.40	37.33	44.80	53.46	61.20	75.73	92.13	104.53	126.93	148.0	160.0	193.33						
CC 6022	76	0.333	1.666	3.346	8.413	16.66	25.06	38.13	50.26	60.40	72.13	82.53	102.0	124.13	140.0	170.66	195.66	214.66	260.0						
CC 8018	80	0.546	2.760	5.520	13.73	27.60	41.33	62.93	82.80	99.33	118.66	134.66	168.0	204.0	232.0	281.33	328.0	353.33							
CC 8022	95	0.786	3.946	7.906	19.73	39.46	59.33	89.60	118.66	141.33	169.33	194.66	240.0	292.0	332.0	402.6	469.33	505.33							
CC 10020	110	1.240	6.213	12.44	31.06	62.13	93.33	141.33	166.66	224.0	266.66	305.33	377.33	460.0	522.66	634.66	738.66								
CC 12018	119	1.866	9.360	18.66	46.80	93.60	140.0	213.33	280.0	336.0	402.6	460.0	568.0	692.0	786.66	954.66			DESIGN HORSE POWER						
CC 12022	150	2.413	12.09	24.13	60.40	120.93	181.33	274.66	362.66	434.66	520.0	594.66	734.66	894.66	1016.0										
CC 16018	160	4.040	20.13	40.40	101.06	201.33	302.66	460.0	606.66	728.0	869.33	994.66	1229.3	1496.0											
CC 16022	199	5.906	29.46	59.06	146.66	294.66	444.00	674.66	886.66	1065.3	1272.0	1453.3	1800.0	2186.6											

LUBRICATION : Couplings operating without covers under fairly clean conditions will give satisfactory service providing they are periodically (weekly) brushed throughly with ball grease of medium consistency. Couplings operating with covers should be kept filled with a good quality ball bearing grease of soft or medium consistency.